

Iowa Department of Public Health  
**BUREAU OF EMERGENCY AND TRAUMA SERVICES**

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**Iowa Emergency Medical Care Provider  
Scope of Practice**

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**June 2016**



*“Promoting and Protecting the Health of Iowans through EMS”*

**LUCAS STATE OFFICE BUILDING**  
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## **Iowa Law Enforcement Emergency Care Provider (ILEECP)**

This EMS provider level is for Iowa peace officers who successfully complete a program of training that uses the department approved curriculum and have successfully completed the required testing as outlined in IAC 641--139.

Individuals certified at this level will have a certification number identified with the letter "L". ILEECP certificates expire on July 1. Recertification requirements include four hours of approved continuing education.

### **Scope of Practice for ILEECP Certified Providers**

<b>AIRWAY / VENTILATION / OXYGENATION</b>
<b>Skill</b>
Bag-Valve-Mask (BVM)
Cricoid Pressure (Sellick)
Head-tilt/chin-lift
Jaw-thrust
Jaw-thrust - Modified (trauma)
Mouth-to-Barrier
Mouth-to-Mask
Mouth-to-Mouth
Mouth-to-Nose
Mouth-to-Stoma
Obstruction – Manual

<b>CARDIOVASCULAR / CIRCULATION</b>
<b>Skill</b>
Cardiopulmonary Resuscitation (CPR)
Defibrillation – Automated / Semi-Automated (AED)
Hemorrhage Control – Direct Pressure
Hemorrhage Control – Pressure Point
Hemorrhage Control – Tourniquet

<b>IMMOBILIZATION</b>
<b>Skill</b>
Spinal Immobilization – Manual Stabilization
Splinting – Manual

<b>MISCELLANEOUS</b>
<b>Skill</b>
Assisted Delivery (child-birth)

## Basic Level Emergency Medical Care Providers

## **Current Provider Levels**

### **Emergency Medical Responders (EMR)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 2005 National Education Standards for the EMR and successfully completed the testing requirements or completed the FR to EMR transition requirement. Individuals certified at this level have a certification number identified with the letters “EMR.”

The primary focus of the EMR is to initiate immediate lifesaving care to critical patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional EMS response and to assist higher level personnel at the scene and during transport. EMRs function as part of a comprehensive EMS response, under medical oversight. EMRs perform basic interventions with minimal equipment.

### **Emergency Medical Technician (EMT)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 2005 National Education Standards for the EMT and successfully completed the testing requirements, transition from EMT-I 1985+, or completed the EMT-B to EMT transition requirements. Individuals certified at this level have a certification number identified with the letters “EMT”.

The primary focus of the EMT is to provide basic emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. EMTs function as part of a comprehensive EMS response, under medical oversight. EMTs perform interventions with the basic equipment typically found on an ambulance. The EMT is a link from the scene to the emergency health care system.

## **Legacy Levels**

### **First Responder (1979) (FR)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1979 FR national standard curriculum (NSC) and have successfully completed the testing requirements. Individuals certified at this level have a certification number identified with the letter “F”. Initial certification at this level is no longer available.

### **First Responder – Defibrillation (FR-D)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1979 FR national standard curriculum and the AED supplemental curriculum, and have successfully completed the testing requirements. Individuals certified at this level have a certification number identified with the letter “G.” Initial certification at this level is no longer available. **T**

**Emergency Medical Technician – Defibrillation (EMT-D)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1984 EMT-A national standard curriculum (NSC) and the AED supplemental curriculum, and have successfully completed the department's testing requirements. Individuals certified at this level have a certification number identified with the letter "D". Initial certification at this level is no longer available.

<b>Airway and Breathing</b>					
SKILL	FR-79	FR-G	EMR	EMT-D	EMT
Airway - Manual	X	X	X	X	X
Airway-Oral			X	X	X
Airway-Nasal				X	X
CPAP					+
Impedance Threshold Device					+
Obstruction - Manual	X	X	X	X	X
Oxygen Delivery			X	X	X
Oxygen Delivery-Humidified				X	X
Suctioning - Upper Airway	X	X	X	X	X
Ventilations - Bag Valve	X	X	X	X	X
Ventilations – via Mouth	X	X	X	X	X
Ventilations- Manually Triggered				X	X
Ventilator - Automatic Transport					X

+ Additional training and medical director approval required

<b>Assessment</b>					
SKILL	FR 79	FR-G	EMR	EMT-D	EMT
Blood Glucose Monitor					+
Blood Pressure	X	X	X	X	X
Pulse Oximetry	X	X	+	X	X

+ Additional training and medical director approval required

<b>Pharmacological Intervention</b>					
SKILL	FR 79	FR-G	EMR	EMT-D	EMT
Autoinjector- Self/Peer Rescue			X		X
Autoinjector – Epinephrine					+
Autoinjector – Naloxone	X	X	X	X	X
OTC Medications				X	X
Patient Assisted Meds (including Epi-pen/Naloxone)					X
Buccal					1
Oral			++		2
Intranasal - naloxone	X	X	X	X	X

+ Additional training and medical director approval required

++ EMRs may administer aspirin with additional training and medical director approval

#### EMT DRUG LIST

- 1 Buccal      Oral Glucose
- 2. Oral      Glucose/Aspirin

<b>Emergency Trauma Care</b>					
SKILL	FR 79	FR-G	EMR	EMT-D	EMT
Cervical Stabilization - Manual	X	X	X	X	X
Cervical Stabilization – C-Collar	X	X		X	X
Extremity Stabilization - Manual	X	X	X	X	X
Extremity Splinting				X	X
Eye Irrigation	X	X	X	X	X
Hemorrhage Control	X	X	X	X	X
PASG				X	X
Spinal Immobilization				X	X

<b>Medical/Cardiac Care</b>					
SKILL	FR 79	FR-G	EMR	EMT-D	EMT
Assisted Delivery	X	X	X	X	X
CPR - Manual	X	X	X	X	X
CPR - Mechanical				X	X
Defibrillator - Automated	X	X	X	X	X

Advanced Level Emergency Medical Care Providers



## **Current Levels**

### **Advanced Emergency Medical Technician (AEMT)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 2005 National Education Standards for the AEMT or completed the EMT-I to AEMT transition requirements and successfully completed the testing requirements. Providers certified as EMT-P may transition to AEMT. Individuals certified at this level have a certification number identified with the letters “AEMT.”

The primary focus of the AEMT is to provide basic and limited advanced emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. AEMTs function as part of a comprehensive EMS response, under medical oversight. AEMTs perform interventions with the basic and advanced equipment typically found on an ambulance. The AEMT is a link from the scene to the emergency health care system.

### **Paramedic**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 2005 National Education Standards for the Paramedic or completed the EMT-P to Paramedic transition requirements and successfully completed the testing requirements. Providers certified at the PS level may transition by meeting the PS to Paramedic Transition Requirements. Individuals certified at this level have a certification number identified with the letters “PM.”

The Paramedic is an allied health professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the complex knowledge and skills necessary to provide patient care and transportation. Paramedics function as part of a comprehensive EMS response, under medical oversight. Paramedics perform interventions with the basic and advanced equipment typically found on an ambulance. The Paramedic is a link from the scene into the health care system.

## **ENDORSEMENT LEVEL**

### **Critical Care Paramedic (CCP)**

This EMS provider endorsement identifies individuals who hold a valid Iowa PS or Paramedic certification and have successfully completed an Iowa approved Critical Care Paramedic program. Individuals holding a valid endorsement as a CCP and working for an approved CCP transporting service may perform CCP skills listed below during intra-facility critical care transport (CCT).

### **Legacy Levels**

#### **Iowa Emergency Medical Technician – Paramedic (EMT-P)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1985 EMT-P national standard curriculum (NSC), or the 1999 EMT-I NSC curriculum, and have successfully completed the department's testing requirements. Individuals certified at this level have a certification number identified with the letter "P." **THIS LEVEL MAY TRANSITION TO THE PARAMEDIC LEVEL BEFORE APRIL 1, 2018.**

<b>Airway and Breathing</b>				
SKILL	AEMT	EMT-P	PARAMEDIC	CCP
Airway - Manual	X	X	X	X
Airway-Nasal	X	X	X	X
Airway-Oral	X	X	X	X
Airway- Multi-Lumen	X	X	X	X
Airway-Esophageal/Tracheal	X	X	X	X
BiPAP/CPAP	++	CPAP	X	X
Bridge Airway Devices		X	X	X
Capnography/ETCO <sub>2</sub>		X	X	X
Chest Tube Placement-Assist				X
Chest Tube-Monitoring			X	X
Cricothyrotomy - Percutaneous		X	X	X
Cricothyrotomy - Surgical				X
Endotracheal Intubation- Nasal/Oral		X	X	X
Gastric Decompression - NG or OG tube		X	X	X
Impedance Threshold Device	+		+	X
Needle Chest Decompression		X	X	X
Obstruction - Direct Laryngoscopy		X	X	X
Obstruction - Manual	X	X	X	X
Oxygen Delivery (including humidified)	X	X	X	X
PEEP Therapeutic (>6 cm H <sub>2</sub> O pressure)			X	X
Suctioning - Upper Airway	X	X	X	X
Ventilations - Bag Valve	X	X	X	X
Ventilations – via Mouth	X	X	X	X
Ventilations- Manually Triggered	X	X	X	X
Ventilator - Automatic Transport	X	X	X	X
Ventilator - Enhanced				X
Suctioning - Tracheobronchial	X	X	X	X

+ Additional training and medical director approval required

++ CPAP may be used with additional training and medical director approval required

<b>Assessment</b>				
SKILL	AEMT	EMT-P	PARAMEDIC	CCP
Blood Chemistry Analysis			X	X
Blood Glucose Monitor	X	X	X	X
Blood Pressure	X	X	X	X
Blood Sampling - Arterial				X
Blood Sampling - Capillary Tube		X	X	X

<b>Assessment (cont)</b>				
SKILL	AEMT	EMT-P	PARAMEDIC	CCP
Blood Sampling - Venous		X	X	X
Central Line Monitoring			X	X
EKG - Multi lead (interpretive)			X	X
EKG - Single lead (interpretive)		X	X	X
Hemodynamic Monitoring (including arterial line)				X
ICP Monitoring				X
Pulse Oximetry	X	X	X	X

<b>Pharmacological Intervention</b>				
SKILL	AEMT	EMT-P	PARAMEDIC	CCP
Autoinjector- Self/Peer Rescue	X	X	X	X
Autoinjector – Epinephrine/Naloxone	X	X	X	X
OTC Medications	X	X	X	X
Patient Assisted Meds	X	X	X	X
Aerosolized/Nebulized	1	X	X	X
Buccal	2	X	X	X
Endotracheal tube		X	X	X
Inhaled - Self administered	3	X	X	X
Intramuscular	4	X	X	X
Intranasal	9	X	X	X
Intravenous push	5	X	X	X
Intravenous piggyback		X	X	X
Nasogastric		X	X	X
Oral	6	X	X	X
Rectal		X	X	X
Subcutaneous	7	X	X	X
Sublingual	8	X	X	X
Arterial Line - Monitoring				X
Blood Administration		X	X	X
Central Line Access	+	+	X	X
IO Insertion	X	X	X	X
IV Fluid Infusion	X	X	X	X
Peripheral IV Insertion	X	X	X	X
Thrombolytic Administration			X	X

**AEMT DRUG LIST**

1 Aerosolized/Nebulized	Beta Agonist
2 Buccal	Oral Glucose
3 Inhaled - Self administered	Nitrous Oxide
4 Intramuscular	Naloxone/Epinephrine/Glucagon
5 Intravenous push	Naloxone/Dextrose/Glucagon

6. Oral	Glucose/Aspirin
7. Subcutaneous	Epinephrine/Glucagon
8. Sublingual	Nitroglycerin
9. Intranasal	Naloxone

<b>Emergency Trauma Care</b>				
SKILL	AEMT	EMT-P	PARAMEDIC	CCP
Cervical Stabilization - Manual	X	X	X	X
Extremity Stabilization - Manual	X	X	X	X
Extremity Splinting	X	X	X	X
Eye Irrigation	X	X	X	X
Eye Irrigation - Morgan Lens		X	X	X
Hemorrhage Control	X	X	X	X
PASG	X	X	X	X
Spinal immobilization	X	X	X	X

<b>Medical/Cardiac Care</b>				
SKILL	AEMT	EMT-P	PARAMEDIC	CCP
Assisted Delivery	X	X	X	X
Cardioversion		X	X	X
Carotid Massage		X	X	X
CPR – Manual/Mechanical	X	X	X	X
Defibrillation - Manual		X	X	X
Defibrillator - Automated	X	X	X	X
Intra-aortic balloon pump (monitoring/timing)				X
Transcutaneous Pacing		X	X	X
Urinary Catheterization		X		X